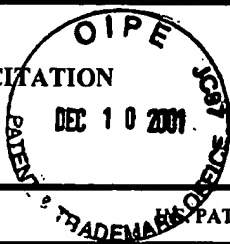


# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)

02 MICRO 00.17

Application Number

09/921,171

Applicant(s)

CHAN ET AL.

Filing Date

August 2, 2001

Group Art Unit

2644

## PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ACF		5,548,777	8/20/96	WOO	395	821	
		5,796,705	8/18/98	KIM	369	124	
		5,870,355	2/9/99	FUJIHARA	369	32	
		5,910,933	6/8/99	MOORE	369	33	
		6,006,285	12/21/99	JACOBS ET AL.	710	14	
		6,076,133	6/13/00	BRAINARD ET AL.	710	260	
		5,815,679	9/29/98	LIU	395	309	
		6,195,713	2/27/01	CHAIKEN ET AL.	710	19	
		6,266,714	7/24/01	JACOBS ET AL.	710	14	
		6,088,809	7/11/00	ATKINSON	713	324	
		5,838,983	11/17/98	ATKINSON	395	750.06	

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## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
ACF		WO 96/38841	05.12.96	PCT	G 11 B	19/02	✓	
↓		09-101848	15.04.97	JAPAN	G 06 F	1/32	✓	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<p>EXAMINER</p> 	<p>DATE CONSIDERED</p> <p>2/9/05</p>
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Atty Docket No.: 02-0020

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## Patent Application

Inventor(s): CHAN, et al

Group Art Unit: 2664

Filed: 08/02/2001

Examiner:

Serial No.: 09/921,171

Title: Low Power Digital Audio Decoding/Playing System for Computing Devices

Form 1449

## U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
ACP	A	6006285A	12/21/1999	Jacobs, et al.	710	14	04/30/1997
↓	B	6006337A	12/21/1999	Koo	713	324	11/13/1997
	C						

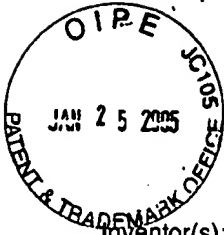
## Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
ACP	E	EP 0685824 A2	06/12/1995	EPO	G06T	9/00		X
↓	F	EP 1028425 A2	08/16/2000	EPO	G11B	20/10		X
↓	G	EP 0982732 A1	03/01/2000	EPO	G11C	7/00		X
↓	H	EP 0945778 A2	09/29/1999	EPO	G06F	1/32		X
	I							
	J							

## Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	K	
	L	
	M	
Examiner	Date Considered 5/8/05	

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Atty Docket No.: 02-00.17

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

Inventor(s): CHAN, et al

Group Art Unit: 2664

Filed: 08/02/2001

Examiner:

Serial No.: 09/921,171

Title: Low Power Digital Audio Decoding/Playing System for Computing Devices

Form 1449

## U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
Alt	A	2002/0157007	10/24/2002	HUANG, et al.	15	177	03/13/2002
	B						
	C						

## Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	E							
	F							
	G							
	H							
	I							
	J							

## Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	K	
	L	
	M	
Examiner	Date Considered 3/8/05	

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Docket Number (optional)

O2Micro 00.17

Application No.

09/921,171

Applicants(s)

CHAN et al

Filing Date

August 2, 2001

Group Art Unit

2644

## U.S. PATENT DOCUMENTS

*Examiner Initial	REF	DOCUMENT NUMBER	DATE	NAME	CLASS/SUBCLASS		FILING DATE IF APPROPRIATE
APF		6,259,597 B1	7/10/2001	ANZAI et al	361	683	
		6,018,724	1/25/2000	ARENT	705	44	
		6,125,417	9/26/2000	BAILIS et al	710	103	
		6,310,634 B1	10/30/2001	BODNAR et al	345	854	
		4,999,634	3/12/1991	BRAZDRUM et al	341	172	
		6,151,012	11/21/2000	BULLISTER	345	168	
		5,671,368	9/23/1997	CHAN et al	395	282	
		6,349,386	2/19/2002	CHAN	713	319	
		6,101,562	8/8/2000	CHANG et al	710	73	
		6,233,464 B1	5/15/2001	CHMAYTELLI	455	556	
		5,699,244	12/16/1997	CLARK, JR., et al	364	420	

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## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS/SUBCLASS		TRANSLATION	
							YES	NO
APF		0999549	5/10/2000	EPO	G11B	20/10		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
APF	8/9/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include Copy of this form with next communication to applicant

	<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)		Docket Number (optional) O2Micro 00.17	Application No. 09/921,171
	Applicants(s) CHAN et al			
	Filing Date August 2, 2001		Group Art Unit 2644	

### U.S. PATENT DOCUMENTS

*Examiner Initial	REF	DOCUMENT NUMBER	DATE	NAME	CLASS/SUBCLASS		FILING DATE IF APPROPRIATE
ACE		6,334,149 B1	12/25/2001	DAVIS, JR., et al	709	219	
		5,983,073	11/9/1999	DITZIK	455	11.1	
		6,675,233	1/6/2004	DU et al	710	14	
		5,969,529	10/19/1999	EIRAKU et al	324	433	
		6,141,052	10/31/2000	FUKUMITSU et al	348	373	
		6,356,905	3/12/2002	GERSHMAN et al	707	10	
		5,974,549	10/26/1999	GOLAN	713	200	
		5,375,076	12/20/1994	GOODRICH et al	364	708.1	
		5,200,913	4/6/1993	HAWKINS et al	364	708	
		6,154,359	11/28/2000	KAMIKAKAI et al	361	681	
		6,336,142 B1	1/1/2002	KATO et al	709	227	

### FOREIGN PATENT DOCUMENTS


REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS/SUBCLASS	TRANSLATION	
					YES	NO

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### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER		DATE CONSIDERED	3/18/05
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**INFORMATION DISCLOSURE CITATION**  
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Docket Number (optional)  
O2Micro 00.17

Application No.  
09/921,171

Applicants(s)  
CHAN et al

Filing Date  
August 2, 2001

Group Art Unit  
2644

**U.S. PATENT DOCUMENTS**

*Examiner Initial	REF	DOCUMENT NUMBER	DATE	NAME	CLASS/SUBCLASS		FILING DATE IF APPROPRIATE
AK		6,088,730	7/11/2000	KATO et al	709	227	
		6,034,621	3/7/2000	KAUFMAN	340	825.44	
		5,600,800	2/4/1997	KIKINIS et al	395	281	
		5,708,840	1/13/1998	KIKINIS et al	395	800	
		6,038,672	3/14/2000	KLEIN	713	322	
		5,619,402	4/8/1997	LIU	363	20	
		6,173,417 B1	1/9/2001	MERRILL	714	15	
		6,252,511	6/2001	MONDSHINE et al	340	636	
		5,696,975	12/9/1997	MOORE et al	395	712	
		5,835,759	11/10/1998	MOORE et al	395	651	
		5,732,266	3/24/1998	MOORE et al	395	651	

**FOREIGN PATENT DOCUMENTS**

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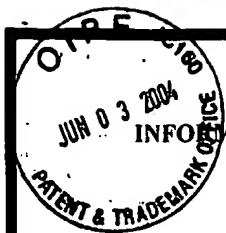
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Application No.  
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Applicants(s)  
CHAN et al.

Filing Date  
August 2, 2001

Group Art Unit  
2644

**U.S. PATENT DOCUMENTS**

*Examiner Initial	REF	DOCUMENT NUMBER	DATE	NAME	CLASS/SUBCLASS		FILING DATE IF APPROPRIATE
LCP		US2001/0028562 A1	10/11/2001	NAGHI	362	85	3/15/2001
		4,968,987	11/6/1990	NAKA et al	341	143	
		5,797,089	8/18/1998	NGUYEN	455	403	
		6,047,380	4/4/2000	NOLAN et al	713	324	
		6,272,575 B1	8/7/2001	RAJCHEL	710	102	
		5,964,878	10/12/1999	RYU	713	323	
		6,047,223	4/4/2000	SARTORI	700	83	
		6,304,261 B1	10/16/2001	SHIELDS et al	345	358	
		5,903,764	5/11/1999	SHYR et al	395	750.01	
		5,642,417	6/24/1997	STRINGER	380	4	
		6,202,121	3/13/2001	WALSH et al	711	100	

**FOREIGN PATENT DOCUMENTS**

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS/SUBCLASS	TRANSLATION	
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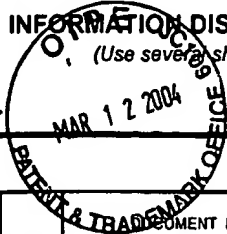
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ATTY DOCKET NO.

02MICRO 0001

SERIAL NO.

09/921,171

CHAN ET AL

FILING

AUGUST 2, 2001

GROUP

2644

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Alt	1	6,332,175	12/18/2001	BIRRELL ET AL	711	112	
	2	6,446,073	9/3/2002	D'AMATO ET AL	707	101	
	3	6,377,530	4/23/2002	BURROWS	369	59.21	
	4	5,819,116	10/6/1998	MAUPIN ET AL	395	888	
	5	5,790,875	8/4/1998	ANDERSIN ET AL	395	750.03	
	6	6,006,337	12/21/1999	KOO	713	324	
	7	5,822,598	12/13/1998	LAM	395	750.06	
	8	6,226,237	5/1/2001	CHAN ET AL	369	33	
	9	6,292,440	9/18/2001	LEE	369	7	
	10	6,412,075	6/25/2002	KLEIN	713	322	
	11	4,851,K987	7/25/1989	DAY	364	200	

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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


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*[Signature]*

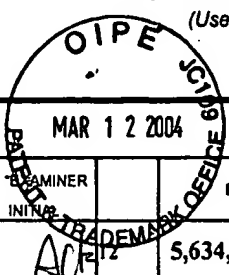
DATE CONSIDERED

2/8/05

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<b>INFORMATION DISCLOSURE CITATION</b> <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. <b>O2MICRO 0007</b>		SERIAL NO. <b>09/921,171</b>	
				CHAN ET AL			
				FILING <b>AUGUST 2, 2001</b>		GROUP <b>2644</b>	



**U.S. PATENT DOCUMENTS**

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ALF	5,634,798	6/3/1997	SUH	434	307	
	13 5,646,699	7/8/1997	OH ET AL	348	553	
	14 5,167,024	11/24/1992	SMITH ET AL	395	375	
	15 6,378,077	4/23/2002	ATKINSON	713	324	
	16 5,560,024	9/24/1996	HARPER ET AL	395	750	
	17 5,511,203	4/23/1996	WISOR ET AL	395	750	
	18 5,218,704	6/8/1993	WATTS, JR. ET AL	395	750	
	19 5,142,684	8/25/1992	PERRY ET AL	395	750	
	20 6,393,499	5/21/2002	CHAIKEN ET AL	710	19	
	21 5,692,197	11/25/1997	NARAD ET AL	395	750	
	22 6,385,734	5/7/2002	ATKINSON	713	324	

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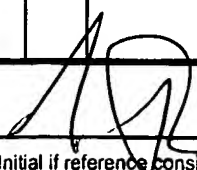
**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
ALF	23 EP 0825519 A1	2/25/1998	EPO	1	26		
	24 EP 0945778 A2	9/29/1999	EPO	1	32		
	25 EP 0825519 A1	2/25/1998	EPO	1	26		

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

EXAMINER 	DATE CONSIDERED <b>3/8/05</b>
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# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

O2M00.17

Application Number

09/921,171

Applicant(s)

Chan et al

Filing Date

08/02/2001

Group Art Unit

2644

DEC 18 2003

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AK		6,047,342	04/04/2000	Depew	710	102	
		6,370,631	04/09/2002	Dye	711	170	
		6,378,010	04/23/2002	Burks	710	68	

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## FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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DATE CONSIDERED

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